

# Fexet<sup>®</sup>

(Fexofenadine HCl)

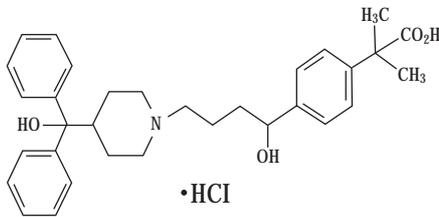
فیکسٹ

## Tablets

30mg, 60mg, 120mg, 180mg

### DESCRIPTION

Fexofenadine hydrochloride (HCl), the active ingredient of Fexet, is a histamine H<sub>1</sub>-receptor antagonist with the chemical name (±)-4-[1-hydroxy-4-[4-(hydroxydiphenylmethyl)-1-piperidinyl]-butyl]-α,α-dimethyl benzeneacetic acid hydrochloride. The molecular formula is C<sub>32</sub>H<sub>39</sub>NO<sub>4</sub>•HCl and has the following structural formula:



Fexofenadine HCl

### QUALITATIVE & QUANTITATIVE COMPOSITION

Fexet (Fexofenadine HCl) is available for oral administration as:

1. Fexet Tablets 30mg  
Each film-coated tablet contains:  
Fexofenadine HCl BP...30mg
2. Fexet Tablets 60mg  
Each film-coated tablet contains:  
Fexofenadine HCl BP...60mg
3. Fexet Tablets 120mg  
Each film-coated tablet contains:  
Fexofenadine HCl BP...120mg
4. Fexet Tablets 180mg  
Each film-coated tablet contains:  
Fexofenadine HCl BP...180mg

### CLINICAL PHARMACOLOGY

#### Mechanism of Action

Fexofenadine HCl is an active non-sedating antihistamine with selective peripheral H<sub>1</sub>-receptor antagonist activity. It does not possess significant sedative or antimuscarinic action.

#### Pharmacokinetics

##### Absorption

Fexofenadine HCl is rapidly absorbed after oral administration with peak plasma concentrations being reached in 2 to 3 hours.

##### Distribution

Fexofenadine HCl is 60% to 70% bound to plasma proteins, primarily albumin and α<sub>1</sub>-acid glycoprotein.

##### Metabolism

Approximately 5% of the total oral dose is metabolized, mostly by intestinal mucosa, with only 0.5 to 1.5% of the dose undergoing hepatic biotransformation.

### Excretion

Elimination half-life of about 14 hours has been reported although this may be prolonged in patients with renal impairment. Excretion is mainly in the faeces with only 10% being present in the urine.

### Special Populations:

#### Geriatric Patients

In older subjects (>65 years old), peak levels of fexofenadine HCl were 99% greater than those observed in normal subjects (<65 years old). Mean elimination half-life was similar to those observed in normal subjects.

#### Renal Insufficiency

In patients with mild to moderate (creatinine clearance 41-80mL/min) and severe (creatinine clearance 11-40mL/min) renal impairment, peak plasma levels of fexofenadine HCl were 87% and 111% greater, respectively, and mean elimination half-lives were 59% and 72% longer, respectively, than observed in normal subjects.

### THERAPEUTIC INDICATIONS

#### Seasonal Allergic Rhinitis

Fexet (Fexofenadine HCl) is indicated for the relief of symptoms associated with seasonal allergic rhinitis in adults and children 6 years of age and older.

#### Chronic Idiopathic Urticaria

Fexet (Fexofenadine HCl) is indicated for the treatment of uncomplicated skin manifestations of chronic idiopathic urticaria in adults and children 6 years of age and older. It significantly reduces pruritis and the number of wheals.

### DOSAGE AND ADMINISTRATION

#### Seasonal Allergic Rhinitis

Adults and Children 12 Years and Older: The recommended dose of Fexet (Fexofenadine HCl) is 60mg twice daily, or 180mg once daily.

Children 6 to 11 Years: The recommended dose of Fexet (Fexofenadine HCl) is 30mg twice daily. A dose of 30mg once daily is recommended as the starting dose in pediatric patients with decreased renal function.

#### Chronic Idiopathic Urticaria

Adults and Children 12 Years and Older: The recommended dose of Fexet (Fexofenadine HCl) is 60mg twice daily. A dose of 60mg once daily is recommended as the starting dose in patients with decreased renal function.

Children 6 to 11 Years: The recommended dose of Fexet (Fexofenadine HCl) is 30mg twice daily. A dose of 30mg once daily is recommended as the starting dose in pediatric patients with decreased renal function.

#### Dosage in Renal Insufficiency:

Adults: In patients with decreased renal function the recommended dose of Fexet (Fexofenadine HCl) is 60mg once daily as the starting dose.

Pediatrics: In pediatric patients with decreased renal function the recommended dose of Fexet (Fexofenadine HCl) is 30mg once daily as the starting dose.

**ADVERSE EFFECTS**

Fexofenadine HCl is generally well tolerated. However following are few of the side effects that are known to be associated with the use of fexofenadine HCl.

Headache, drowsiness, nausea, vomiting, fatigue and dizziness.

**CONTRAINDICATIONS**

Fexofenadine HCl is contraindicated in patients with known hypersensitivity to the drug or any component of the product.

**PRECAUTIONS***Pregnancy*

Fexofenadine HCl should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

*Nursing Mothers*

Because many drugs are excreted in human milk, caution should be exercised when fexofenadine HCl is administered to a nursing woman.

*Pediatric Use*

The safety and effectiveness of fexofenadine HCl in pediatric patients under 6 years of age have not been established.

*Geriatric Use*

This drug is known to be substantially excreted by the kidney, and the risk of toxic reactions to this drug may be greater in patients with impaired renal function. Because elderly patients are more likely to have decreased renal function, care should be taken in dose selection, and it may be useful to monitor renal function.

**Drug Interactions***Antacids*

Antacids containing aluminium and magnesium hydroxide have reduced the absorption of fexofenadine HCl.

**OVERDOSAGE**

Dizziness, drowsiness, fatigue and dry mouth have been reported with overdose of fexofenadine HCl. Standard measures should be considered to remove any unabsorbed medicinal product. Symptomatic and supportive treatment is recommended. Hemodialysis does not effectively remove fexofenadine HCl from blood.

**STORAGE**

Store at 25°C (Excursions permitted between 15°C-30°C).

Protect from sunlight & moisture.

The expiration date refers to the product correctly stored at the required conditions.

**HOW SUPPLIED**

Fexet (Fexofenadine HCl) Tablets 30mg are available in blister pack of 10's.

Fexet (Fexofenadine HCl) Tablets 60mg are available in blister packs of 10's & 20's.

Fexet (Fexofenadine HCl) Tablets 120mg are available in blister packs of 10's & 20's.

Fexet (Fexofenadine HCl) Tablets 180mg are available in blister packs of 10's & 20's.

*Keep out of reach of children.*

*To be sold on prescription of a registered medical practitioner only.*

**Please read the contents carefully before use.**

**This package insert is continually updated from time to time.**

Manufactured by:



**Getz**

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